

WHAT IS CLAIMED IS:

1. A communication system used in a state where the communication system is connected to a network, comprising:
 - an access unit configured to access a Web page through the
 - 5 network;
 - a data extraction unit configured to extract access data from the Web page accessed by the access unit in order to use the access data for accessing access destination pages accessible through the Web page;
- 10 a printing unit configured to print an image of the Web page accessed by the access unit, together with an entry column and a specific code, on a printing medium, the entry column being provided for making a user to enter a command content for requesting a process for the access data extracted by the data extraction unit, the specific
- 15 code being provided for specifying correspondence of the entry column to the access data;
- a reading unit configured to read the command content entered in the entry column of the printing medium and the specific code from the printing medium printed by the printing unit;
- 20 a data specifying unit configured to specify the access data corresponding to the entry column having the command content read by the reading unit, on the basis of the specific code read together with the command content; and
- 25 a process execution unit configured to execute a process corresponding to the command content read by the reading unit, for

the access data specified by the data specifying unit.

2. The communication system as claimed in claim 1, wherein when the command content read by the reading unit includes a request to print the access destination page, the process execution unit instructs 5 the access unit to access the access destination page on the basis of the access data and instructs the printing unit to print the access destination page accessed by the access unit.

3. The communication system as claimed in claim 1, wherein when the command content read by the reading unit includes a request to 10 print a specific region of the access destination page, the process execution unit instructs the access unit to access the access destination page on the basis of the access data and instructs the printing unit to print the specific region of the access destination page accessed by the access unit.

15 4. The communication system as claimed in claim 1, further comprising a data recording unit configured to record various pieces of data,

wherein when the command content read by the reading unit includes a request to record the access data, the process execution 20 unit instructs the data recording unit to record the access data.

5. The communication system as claimed in claim 1, further comprising a data recording unit configured to record various pieces of data,

wherein when the command content read by the reading unit 25 includes a request to record the access destination page as data, the

process execution unit instructs the access unit to access the access destination page on the basis of the access data and instructs the data recording unit to record the access destination page accessed by the access unit as data.

5 6. The communication system as claimed in claim 1, wherein:

the printing unit prints the entry column in which the process requested by the command content is decided according to respective entry positions of the entry column;

10 the reading unit reads the entry position of the command content in the entry column together with the specific code from the printing medium printed by the printing unit; and

the process execution unit executes processes corresponding to the entry position read by the reading unit, for the access data specified by the data specifying unit.

15 7. The communication system as claimed in claim 1, wherein the printing unit prints the entry column for making the user to selectively enter the command content from a plurality of command contents.

8. The communication system as claimed in claim 7, wherein the entry column comprises a plurality of individual entry columns in which the 20 process requested by the command content is decided according to respective entry positions of the individual entry columns.

9. The communication system as claimed in claim 1, wherein the printing unit configures at least two printing areas on the printing medium, prints the image of the Web page accessed by the access unit 25 to one printing area and prints the entry column and the specific code

to the other printing area.

10. The communication system as claimed in claim 9, wherein the printing unit configures the one printing area and the other printing area on an upper part and a lower part of the printing medium,
5 respectively.

11. The communication system as claimed in claim 1, wherein:
the printing unit prints character strings indicating the access data extracted by the data extraction unit, as the specific code; and
when the specific code read together with the command content
10 by the reading unit is the character string indicating the access data, the data specifying unit specifies the access data indicated by the character string, as the access data corresponding to each entry column having the command content read.

12. The communication system as claimed in claim 1, further
15 comprising:

a data recording unit configured to record various pieces of data; and

an associative record instruction unit configured to instruct the data recording unit to record associative data indicating
20 correspondence of the access data extracted by the data extraction unit to the entry column printed by the printing unit, wherein:

the printing unit prints a first specific code indicating that the access data corresponding to the entry column can be specified on the basis of the associative data recorded by the data recording
25 unit, as the specific code; and

when the specific code read together with the command content by the reading unit includes the first specific code, the data specifying unit specifies the access data corresponding to the entry column on the basis of the associative data recorded by the data recording unit.

13. The communication system as claimed in claim 12, wherein:

the associative record instruction unit instructs the data recording unit to record a plurality of the associative data different according to Web pages accessed by the access unit;

10 the printing unit prints the first specific code indicating that the access data corresponding to the entry column can be specified on the basis of specific associative data in the plurality of associative data recorded by the data recording unit; and

when the specific code read together with the command content by the reading unit includes the first specific code, the data specifying unit specifies the access data corresponding to the entry column on the basis of the specific associative data in the plurality of associative data recorded by the data recording unit.

14. The communication system as claimed in claim 1, further comprising:

a data recording unit configured to record various pieces of data; and

an access record instruction unit configured to instruct the data recording unit to record the access data of the Web page accessed by the access unit, wherein:

the printing unit prints a second specific code indicating that the access data corresponding to the entry column can be extracted from a specific region of the Web page accessible on the basis of the access data recorded by the data recording unit, as the specific code;

5 and

when the specific code read together with the command content by the reading unit includes the second specific code, the data specifying unit instructs the access unit to access the Web page based on the access data recorded by the data recording unit, instructs the 10 data extraction unit to extract access data from the specific region of the Web page accessed by the access unit and specifies the access data extracted by the data extraction unit as the access data corresponding to the entry column having the command content read.

15. The communication system as claimed in claim 14, wherein:

15 the printing unit prints the second specific code indicating that the access data corresponding to the entry column can be extracted from the specific region of the Web page accessible on the basis of the specific access data in the plurality of access data recorded by the data recording unit; and

20 when the specific code read together with command content by the reading unit includes the second specific code, the data specifying unit specifies the access data extracted by the data extraction unit from the Web page accessed on the basis of the specific access data in the plurality of access data recorded by the data recording unit,

25 as the access data corresponding to the entry column.

16. The communication system as claimed in claim 1, wherein:
the printing unit prints the access data of the Web page accessed
by the access unit and a third specific code indicating that the access
data corresponding to the entry column can be extracted from a specific
5 region of the Web page accessed by the access unit, as the specific
code; and

when the specific code read together with the command content
by the reading unit includes the third specific code, the data
specifying unit instructs the access unit to access the Web page based
10 on the access data indicated by the third specific code, instructs
the data extraction unit to extract access data from the specific region
of the Web page accessed by the access unit and specifies the access
data extracted by the data extraction unit as the access data
corresponding to the entry column having the command content read.

15 17. A communication terminal used in a state where the communication
terminal is connected to a network, comprising:

an access unit configured to access a Web page through the
network;

a data extraction unit configured to extract access data from
20 the Web page accessed by the access unit in order to use the access
data for accessing access destination pages accessible through the
Web page; and

a printing unit configured to print an image of the Web page
accessed by the access unit, together with an entry column and a
25 specific code, on a printing medium, the entry column being provided

for making a user to enter a command content for requesting a process for the access data extracted by the data extraction unit, the specific code being provided for specifying correspondence of the entry column to the access data.

5 18. The communication terminal as claimed in claim 17, wherein the printing unit prints character strings indicating the access data extracted by the data extraction unit, as the specific code.

19. The communication terminal as claimed in claim 17, further comprising:

10 a data recording unit configured to record various pieces of data; and

an access record instruction unit configured to instruct the data recording unit to record the access data of the Web page accessed by the access unit,

15 wherein the printing unit prints a second specific code indicating that the access data corresponding to the entry column can be extracted from a specific region of a Web page accessible on the basis of the access data recorded by the data recording unit, as the specific code.

20 20. The communication terminal as claimed in claim 19, wherein the printing unit prints the second specific code indicating that the access data corresponding to the entry column can be extracted from a specific region of specific access data in the access data recorded by the data recording unit.

25 21. The communication terminal as claimed in claim 17, wherein the

printing unit prints a third specific code indicating that the access data of the Web page accessed by the access unit and the access data corresponding to the entry column can be extracted from a specific region of the Web page accessed by the access unit, as the specific
5 code.

22. A communication terminal used in a state where the communication terminal is connected to a network, comprising:

a reading unit configured to read a command content entered in an entry column of a recording medium and a specific code from the
10 recording medium on which an image of a Web page is printed together with the entry column and the specific code, the entry column being provided for making a user to enter the command content for requesting a process for access data for accessing access destination pages accessible through the Web page, the specific code being provided for
15 specifying correspondence of the entry column to the access data;

a data specifying unit configured to specify the access data corresponding to the entry column having the command content read by the reading unit, on the basis of the specific code read together with the command content; and

20 a process execution unit configured to execute a process corresponding to the command content read by the reading unit, for the access data specified by the data specifying unit.

23. The communication terminal as claimed in claim 22, further comprising:

25 an access unit configured to access a Web page through the

network; and

a printing unit configured to print an image of the Web page accessed by the access unit on a printing medium,

wherein when the command content read by the reading unit
5 includes a request to print an access destination page, the process execution unit instructs the access unit to access the access destination page based on the access data and instructs the printing unit to print the access destination page accessed by the access unit.

24. The communication terminal as claimed in claim 23, wherein when
10 the command content read by the reading unit includes a request to print a specific region of the access destination page, the process execution unit instructs the access unit to access the access destination page based on the access data and instructs the printing unit to print the specific region of the access destination page
15 accessed by the access unit.

25. The communication terminal as claimed in claim 22, further comprising a data recording unit configured to record various pieces of data, wherein when the command content read by the reading unit includes a request to record access data, the process execution unit
20 instructs the data recording unit to record the access data.

26. The communication terminal as claimed in claim 23, further comprising a data recording unit configured to record various pieces of data, wherein when the command content read by the reading unit includes a request to record the access destination page as data, the
25 process execution unit instructs the access unit to access the access

destination page based on the access data and instructs the data recording unit to record the access destination page accessed by the access unit as data.

27. The communication terminal as claimed in claim 22, wherein:

5 the reading unit reads entry positions of the entry column in the printing medium and the specific code from the reading medium; and

10 the process execution unit executes processes corresponding to the entry positions read by the reading unit, for the access data specified by the data specifying unit.

28. The communication terminal as claimed in claim 22, wherein when the specific code read together with the command content by the reading unit includes character strings indicating the access data, the data specifying unit specifies the access data indicated by the character 15 strings as the access data corresponding to the entry column having the command content read.

29. The communication terminal as claimed in claim 23, wherein when the specific code read together with the command content by the reading unit includes a third specific code indicating that the access data 20 of a specific Web page and the access data corresponding to the entry column can be extracted from a specific region of the specific Web page, the data specifying unit instructs the access unit to access the specific Web page based on the access data indicated by the third specific code, instructs the data extraction unit to extract access 25 data from the specific region of the specific Web page accessed by

the access unit and specifies the access data extracted by the data extraction unit as the access data corresponding to the entry column having the command content read.

30. A system control program product for causing a computer system
5 to execute procedures for controlling a communication system used in
a state where the communication system is connected to a network,
comprising:

- an accessing unit that accesses a Web page through the network;
- an extracting unit that extracts access data from the Web page
10 accessed by the accessing unit in order to use the access data for
accessing access destination pages accessible through the Web page;
- a printing unit that prints an image of the Web page accessed
by the accessing unit, together with an entry column and a specific
code, on a printing medium, the entry column being provided for making
15 a user enter a command content to the access data extracted by the
extracting unit, the specific code being provided for specifying
correspondence of the entry column to the access data;
- a reading unit that reads the command content entered in the
entry column in the printing medium and the specific code from the
20 printing medium printed by the printing unit;
- a specifying unit that specifies the access data corresponding
to the entry column having the command content read by the reading
unit, on the basis of the specific code read together with the command
content; and
- 25 an executing unit that executes a process corresponding to the

command content read by the reading unit, for the access data specified by the specifying unit.

31. A terminal control program product for causing a computer system to execute procedures for controlling a communication terminal used 5 in a state where the communication terminal is connected to a network, comprising:

an accessing unit that accesses a Web page through the network;

an extracting unit that extracts access data from the Web page accessed by the accessing unit in order to use the access data for 10 accessing access destination pages accessible through the Web page; and

a printing unit that prints an image of the Web page accessed by the accessing unit, together with an entry column and a specific code on a printing medium, the entry column being provided for making 15 a user enter a command content to the access data extracted by the extracting unit, the specific code being provided for specifying correspondence of the entry column to the access data.

32. A terminal control program product for causing a computer system to execute procedures for controlling a communication terminal used 20 in a state where the communication terminal is connected to a network, comprising:

a reading unit that reads a command content entered in an entry column of a printing medium and a specific code from the printing medium on which an image of a Web page is printed together with the entry 25 column and the specific code, the entry column being provided for making

a user to enter the command content for requesting a process for access data for accessing access destination pages accessible through the Web page, the specific code being provided for specifying correspondence of the entry column to the access data;

5 a specifying unit that specifies the access data corresponding to the entry column having the command content read by the reading unit, on the basis of the specific code read together with the command content; and

10 an executing unit that executes a process corresponding to the command content read by the reading unit, for the access data specified by the specifying unit.